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| <p>Response to Missing Requirements Under 35 USC § 371</p> | <p>Attorney Docket No.: ALAR18.001APC First Named Inventor: Millar et al. Int'l Application No.: PCT/AU2004/000083 US Application No.: 10/543017 Entered National Phase: July 22, 2005 Title: ASSAY FOR DETECTING METHYLATION CHANGES IN NUCLEIC ACIDS USING AN INTERCALATING NUCLEIC ACID</p> |
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PO Box 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: United States Patent and Trademark Office, PO Box 1450, Alexandria, VA 22313-1450, on

July 20, 2006

(Date)

Neil S. Bartfeld, Ph.D., Reg. No. 39,901

Applicant herewith submits to the US Designated/Elected Office (DO/EO/US) the following items and other information:

- (X) This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
 - (X) Copy of the Notification of Missing Requirements under 35 USC 371 dated February 23, 2006.
 - (X) An Oath or Declaration and Power of Attorney with a copy of the Assignment (35 USC 371(c)(4)) in 5 pages.
 - (X) Petition under 37 C.F.R. 1.47(a) in 1 page.
 - (X) Declaration in support of Petition under 37 C.F.R. 1.47(a) in 2 pages.
 - (X) Declaration in support of Petition under 37 C.F.R. 1.47(a) with 3 e-mails in 5 pages.
 - (X) Return prepaid postcard.

FILING FEES NOT YET PAID:

| FEE CALCULATION | | | | |
|--|---------------------|----------------|------------------|----------------------|
| FEE TYPE | | LARGE FEE | CALCULATION | TOTAL |
| Late Oath/Decl. | 37 CFR § 1.492(h) | 1617 (\$130) | | \$130 |
| 3 Month Extension | 37 CFR § 1.17(a)(3) | 1253 (\$1,020) | | \$1,020 |
| Petitions requiring the petition fee set forth in 37 CFR 1.17(g) | 1.17(g) | 1463 (\$200) | | \$200 |
| | | | SUB TOTAL | \$1,350 |
| The present application qualifies for Small Entity status under 37 CFR § 1.27. Fee reduced by 1/2. | | | | (\$575) |
| | | | | TOTAL FEE DUE |
| | | | | \$775 |

07/28/2006 ATRAN1 (X) A check in the amount of \$775 is enclosed to cover the above fees.
00000121 10543017

01 FC:2617
02 FC:2253

65.00 OP
510.00 OP

**Response to Missing
Requirements Under
35 USC § 371**

Attorney Docket No.: ALAR18.001APC
First Named Inventor: Millar et al.
Int'l Application No.: PCT/AU2004/000083
US Application No.: 10/543017
Entered National Phase: July 22, 2005
Title: ASSAY FOR DETECTING METHYLATION CHANGES
IN NUCLEIC ACIDS USING AN INTERCALATING
NUCLEIC ACID

Direct all correspondence to Customer No.: 20995

Date: July 20, 2006

Page 2 of 2

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1410.



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DOH/NSD

Page 1 of 2

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www.uspto.gov

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|------------------------|------------------|
| 10/543,017 | Douglas Spencer Millar | 066828-0017 |

41552
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R E C E I V E D
FEB 28 2006

McDERMOTT, WILL & EMERY

INTERNATIONAL APPLICATION NO.

PCT/AU04/00083

| | |
|------------------|---------------|
| I.A. FILING DATE | PRIORITY DATE |
|------------------|---------------|

01/23/2004 01/24/2003

CONFIRMATION NO. 7144

371 FORMALITIES LETTER



OC000000018101410

Date Mailed: 02/23/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 07/22/2005
- Copy of the International Search Report filed on 07/22/2005
- Preliminary Amendments filed on 07/22/2005
- Biochemical Sequence Diskette filed on 07/22/2005
- Biochemical Sequence Listing filed on 07/22/2005
- U.S. Basic National Fees filed on 07/22/2005
- Priority Documents filed on 07/22/2005
- Specification filed on 07/22/2005
- Claims filed on 07/22/2005
- Abstracts filed on 07/22/2005
- Drawings filed on 07/22/2005
- Paper nucleotide sequence listings filed on 07/22/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions

of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/543,017 | PCT/AU04/00083 | 066828-0017 |

FORM PCT/DO/EO/905 (371 Formalities Notice)